

Recombinant Smut fungus RNU2 Protein Product Manual

1. Product Basic Information

Product No.: REP08074

Protein Name: Rna, U2 Small Nuclear 1 (RNU2)

Aliases: RNA, U2 small nuclear 1

UniProt ID: P00654

UniProt Link: <https://www.uniprot.org/uniprotkb/P00654/entry>

Species Source: Ustilago sphaerogena (Smut fungus)

Expression System: E.coli

Protein Length: Full Length (1-114aa)

Molecular Weight: 26.4 kDa

Protein Tag: N-terminal 6xHis-B2M-tagged

2. Amino Acid Sequence (1-114aa)

CDIPQSTNCGGNVYSNDDINTAIQGALDDVANGDRPDNYPHQYYDEASEDITLCCG
SGPWSEFPLVYNGPYSSRDNYVSPGPDRVIYQTNTGEFCATVTHTGAASYDGFT
QCS

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description



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This product is a recombinant Smut fungus RNU2 full length protein (1-114aa) expressed in E.coli. The protein is with 6xHis-B2M tag at the N-terminus, which facilitates protein purification, detection and identification. RNU2, also known as RNA, U2 small nuclear 1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.